



Biophysical Study of the Structure, Dynamics, and Function of Nucleic Acids

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Message from the Guest Editors

Nucleic acids play an important role in all biological processes related to genetic information such as replication, transcription, translation, repair, and recombination. Over the years, biophysical tools such as X-ray crystallography, NMR spectroscopy, and cryo-EM have been employed to study the structure of nucleic acids to understand their biological functions. In addition, biophysical studies of the dynamic features of nucleic acids should be conducted, because their less populated conformations can contribute to folding, stability, and biological functions. Recently, many experimental and theoretical approaches have been reported to understand the correlation between the structure and dynamics of nucleic acids and their biological functions. This Special Issue will introduce new interesting developments in the field of structure and dynamics of nucleic acids and complexes with target proteins.





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